

L Number	Hits	Search Text	DB	Time stamp
1	1	6454169.pn. and speed	USPAT; US-PGPUB; EPO; JPO	2004/01/13 12:08
2	0	6347741.pn. and diffraction	USPAT; US-PGPUB; EPO; JPO	2004/01/13 12:09
3	0	6347741.pn. and diffract\$4	USPAT; US-PGPUB; EPO; JPO	2004/01/13 12:10
4	1	20020014532.pn.	USPAT; US-PGPUB; EPO; JPO	2004/01/13 12:10
5	0	20020014532.pn. and diffract\$4	USPAT; US-PGPUB; EPO; JPO	2004/01/13 12:11
6	58	(diffract\$4 or refract\$4) same mirror same scan\$4 same ("reference position" or "initial position" or "starting position" or "angular position")	USPAT; US-PGPUB; EPO; JPO	2004/01/13 12:11
-	1756	235/462.20.ccls. 235/462.21.ccls. 235/462.22.ccls. 235/462.40.ccls. 359/17.ccls. 359/197.ccls. 359/199.ccls. 359/213.ccls. 359/213.ccls. 359/204.ccls. 359/207.ccls. 235/472.01.ccls.	USPAT	2004/01/12 09:46
-	33	(235/\$.ccls. 359/\$.ccls. 705/\$.ccls.) and (laser or light or source) same mirror same spinner same (position or location)	USPAT	2004/01/12 10:42
-	1	"6454169" .pn.	USPAT	2004/01/12 10:21
-	1	6651889.pn.	USPAT	2004/01/12 10:22
-	13	("3728677" "4318582" "4726640" "4836631" "4847492" "4971410" "5069515" "5363231" "5430570" "5818507" "5969844" "6118568" "6347741").pn.	USPAT	2004/01/12 10:25
-	5762	(235/\$.ccls. 359/\$.ccls. 705/\$.ccls.) and (laser or light or source) same (rotat\$4 or spin\$4) same (position or location)	USPAT	2004/01/12 10:50
-	2240	(235/\$.ccls. 359/\$.ccls. 705/\$.ccls.) and (laser or light or source) same (rotat\$4 or spin\$4) same (position or location) same mirror\$3	USPAT	2004/01/12 10:50
-	704	(235/\$.ccls. 359/\$.ccls. 705/\$.ccls.) and (laser or light or source) same (rotat\$4 or spin\$4) near5 (position or location) same mirror\$3	USPAT	2004/01/12 10:51
-	41	(235/\$.ccls. 359/\$.ccls. 705/\$.ccls.) and (laser or light or source) same (mirror\$3) same (rotat\$4 or spin\$4) near5 (position or location) near5 (reference or start\$3 or home or initial)	USPAT	2004/01/12 10:52
-	54	(235/\$.ccls. 359/\$.ccls. 705/\$.ccls.) and (laser or light or source) same (mirror\$3) same (rotat\$4 or spin\$4) near5 (position or location) near5 (reference or start\$3 or home or initial)	USPAT; US-PGPUB; EPO; JPO	2004/01/12 10:54
-	57	(235/\$.ccls. 359/\$.ccls. 705/\$.ccls.) and (laser or light or source) same (mirror\$3) same (rotat\$4 or spin\$4) near5 (position or location) near5 (reference or start\$3 or home or initial or synchroniz\$5)	USPAT; US-PGPUB; EPO; JPO	2004/01/12 11:16

-	38	(laser or light or source) same (mirror\$3) same (rotat\$4 or spin\$4) near5 (position or location) near5 (reference or start\$3 or home or initial or synchroniz\$5) with (detect\$4 or determin\$4 or calculat\$4 or comput\$4) same (scan\$4)	USPAT; US-PGPUB; EPO; JPO	2004/01/12 11:19
-	8	("4239326" "4289371" "4655541" "5296689" "5546201" "5838479" "5933268" "6053416").pn.	USPAT	2004/01/12 11:25
-	8	("4239326" "4289371" "4655541" "5296689" "5546201" "5838479" "5933268" "6053413").pn.	USPAT	2004/01/12 11:25
-	1	6595420.pn.	USPAT	2004/01/12 12:19
-	1	6283375.pn.	USPAT	2004/01/12 12:25
-	1	6595420.pn.	USPAT	2004/01/12 12:25
-	38	(laser or light or source) same (mirror\$3) same (rotat\$4 or spin\$4) near5 (position or location) near5 (reference or start\$3 or home or initial or synchroniz\$5) with (detect\$4 or determin\$4 or calculat\$4 or comput\$4) same (scan\$4)	USPAT; US-PGPUB; EPO; JPO	2004/01/12 16:13
-	14	("3728677" "4318582" "4726640" "4836631" "4847492" "4971410" "5069515" "5363231" "5430570" "5818507" "5969844" "6118568" "6347741").pn.	USPAT; US-PGPUB; EPO; JPO	2004/01/12 16:30
-	1748	(laser or light or source) same (spin\$4 or rotat\$4) same (position or location) with (reference or start\$4 or initializ\$4 or beginning) same mirror	USPAT; US-PGPUB; EPO; JPO	2004/01/12 16:33
-	1283	(laser or light or source) same (spin\$4 or rotat\$4) same (position or location) near7 (reference or start\$4 or initializ\$4 or beginning) same mirror	USPAT; US-PGPUB; EPO; JPO	2004/01/12 16:34
-	728	(laser or light or source) same (spin\$4 or rotat\$4) same (position or location) near7 (reference or start\$4 or initializ\$4 or beginning) same mirror same reflect\$4	USPAT; US-PGPUB; EPO; JPO	2004/01/12 16:36
-	642	(laser or light or source) same (spin\$4 or rotat\$4) same (position or location) near5 (reference or start\$4 or initializ\$4 or beginning) same mirror same reflect\$4	USPAT; US-PGPUB; EPO; JPO	2004/01/12 16:36
-	128	(235/\$.ccls. 359/\$.ccls. 705/\$.ccls. 209/\$.ccls.) and (laser or light or source) same (spin\$4 or rotat\$4) same (position or location) near5 (reference or start\$4 or initializ\$4 or beginning) same mirror same reflect\$4	USPAT; US-PGPUB; EPO; JPO	2004/01/12 16:43
-	105	(235/\$.ccls. 359/\$.ccls. 705/\$.ccls. 209/\$.ccls.) and (laser or light or source) same (spin\$4 or rotat\$4) same (position) near3 (reference or start\$4 or initializ\$4 or beginning) same mirror same reflect\$4	USPAT; US-PGPUB; EPO; JPO	2004/01/12 16:44
-	47	(235/\$.ccls. 359/\$.ccls. 705/\$.ccls. 209/\$.ccls.) and (laser or light or source) same (spin\$4 or rotat\$4) with (position) near3 (reference or start\$4 or initializ\$4 or beginning) same mirror same reflect\$4	USPAT; US-PGPUB; EPO; JPO	2004/01/13 09:15

-	219	(235/\$.ccls. 359/\$.ccls. 705/\$.ccls. 209/\$.ccls.) and (laser or light or source) same (spin\$4 or rotat\$4 or motor or defelctor) with ("reference position" or "starting position" or "initial position" or "beginning position")	USPAT; US-PGPUB; EPO; JPO	2004/01/13 09:17
-	232	(235/\$.ccls. 359/\$.ccls. 705/\$.ccls. 209/\$.ccls.) and (laser or light or source) same (spin\$4 or rotat\$4 or motor or deflector) with ("reference position" or "starting position" or "initial position" or "beginning position")	USPAT; US-PGPUB; EPO; JPO	2004/01/13 09:17
-	98	(235/\$.ccls. 359/\$.ccls. 705/\$.ccls. 209/\$.ccls.) and (laser or light or source) same (spin\$4 or rotat\$4 or motor or deflector) with ("reference position" or "starting position" or "initial position" or "beginning position") same mirror	USPAT; US-PGPUB; EPO; JPO	2004/01/13 09:18
-	13	(235/\$.ccls. 359/\$.ccls. 705/\$.ccls. 209/\$.ccls.) and (laser or light or source) same (spin\$4 or rotat\$4 or motor or deflector) with ("reference position" or "starting position" or "initial position" or "beginning position") same (refract\$4 or diffract\$4)	USPAT; US-PGPUB; EPO; JPO	2004/01/13 11:27

L Number	Hits	Search Text	DB	Time stamp
-	11	lindacher.in.	USPAT	2002/07/01 16:23
-	0	235/462.40.ccls.	USPAT	2002/07/01 16:23
-	46	235/462.4.ccls.	USPAT	2002/07/01 16:31
-	239143	235/462.4.ccls. and laser and spinner or scanner same motor samr mirror\$	USPAT	2002/07/01 16:31
-	7397	235/462.4.ccls. and laser and spinner or scanner same motor samr mirror\$ same diffract\$ same detect\$	USPAT	2002/07/01 16:32
-	0	235/462.4.ccls. and laser same (spinner or scanner) same motor same mirror\$ same diffract\$ same detect\$	USPAT	2002/07/01 16:49
-	1	235/\$.ccls. and laser same (spinner or scanner) same motor same mirror\$ same diffract\$ same detect\$	USPAT	2002/07/01 17:01
-	0	(beam or laser\$) same spinner\$ same mirror\$ same diffract\$ same photodetector\$	USPAT	2002/07/01 17:04
-	3	(aser or light or beam) same spinner same mirror\$ same (diffract\$ or refract\$) same (detect\$ or photodetector)	USPAT	2002/07/01 17:58
-	2	(laser or light or beam) same spinner same mirror\$ same (diffract\$ or refract\$) same (detect\$ or photodetector) same (position or location)	USPAT	2002/07/01 17:59
-	296	235/462.33 or 235/462.36 or 235/462.37 or 235/462.38 or 235/462.40	USPAT	2002/07/01 18:02
-	2	(laser or light or beam) same spin\$ same mirror\$ same (diffract\$ or refract\$) same (detect\$ or photodetector) same (position or location)	USPAT	2002/07/01 18:07
-	237	(235/462.33 or 235/462.36 or 235/462.37 or 235/462.38 or 235/462.40) and mirror\$ and (light or beam or laser) and (detect\$ or photodetector\$) and (diffract\$ or refract\$ or reflect\$) and (position or location)	USPAT	2002/07/01 18:13
-	226	(235/462.33 or 235/462.36 or 235/462.37 or 235/462.38 or 235/462.40) and (mirror\$ same (light or beam or laser) same reflect\$) and (detect\$ or photodetect\$) and (diffract\$ or refract\$ or reflect\$) and (position or location)	USPAT	2002/07/01 18:16
-	226	(235/462.33 or 235/462.36 or 235/462.37 or 235/462.38 or 235/462.40) and (mirror\$ same (light or beam or laser) same reflect\$) and (detect\$ or photodetect\$) and (diffract\$ or refract\$ or reflect\$) and (position or location or "reference position")	USPAT	2002/07/01 18:36
-	4	(235/462.33 or 235/462.36 or 235/462.37 or 235/462.38 or 235/462.40) and (mirror\$ same (light or beam or laser) same reflect\$) and ((detect\$ or photodetect\$) same (position or location or "reference position")) and ((diffract\$ or refract\$ or reflect\$) same spinner)	USPAT	2002/07/01 18:44
-	6	(235/462.33 or 235/462.36 or 235/462.37 or 235/462.38 or 235/462.40) and (location or position) same spinner	USPAT	2002/07/01 18:47
-	1	235/\$.ccls. and spinner same (detect\$ adj3 (location or position))	USPAT	2002/07/01 18:55
-	3	235/\$.ccls. and spinner same ("reference position")	USPAT	2002/07/01 18:57
-	69	235/\$.ccls. and (rotat\$ or spin\$) same ("reference position")	USPAT	2002/07/01 19:17
-	11	lindacher.in.	USPAT	2002/07/01 19:17
-	7	lindacher.in. and spinner	USPAT	2002/07/01 19:17
-	0	((lindacher.in. and spinner) and (laser or light or source or beam)) and "reference position"	USPAT	2002/07/01 19:17
-	7	(lindacher.in. and spinner) and (laser or light or source or beam)	USPAT	2002/07/01 19:18

-	6	(lindacher.in. and spinner) and (laser or light or source or beam) and (location or position)	USPAT	2002/07/01 19:18
-	6	(lindacher.in. and spinner) and (laser or light or source or beam) and (location or position) and mirror\$	USPAT	2002/07/01 19:19
-	5	(lindacher.in. and spinner) and (laser or light or source or beam) and (location or position) and mirror\$ and (detect\$ or photodetector)	USPAT	2002/07/01 19:20
-	476	235/462.36.ccls. or 235/462.37.ccls. or 235/462.38.ccls. or 235/462.39.ccls. or 235/462.40.ccls. or 235/462.41.ccls. or 235/462.42.ccls.	USPAT	2002/07/02 11:18
-	15	(235/462.36.ccls. or 235/462.37.ccls. or 235/462.38.ccls. or 235/462.39.ccls. or 235/462.40.ccls. or 235/462.41.ccls. or 235/462.42.ccls.) and laser\$ and mirror\$ and spinner\$	USPAT	2002/07/02 11:19
-	15	(235/462.36.ccls. or 235/462.37.ccls. or 235/462.38.ccls. or 235/462.39.ccls. or 235/462.40.ccls. or 235/462.41.ccls. or 235/462.42.ccls.) and (light\$ or beam\$ or laser\$) and mirror\$ and spinner\$	USPAT	2002/07/02 11:32
-	14	(235/462.36.ccls. or 235/462.37.ccls. or 235/462.38.ccls. or 235/462.39.ccls. or 235/462.40.ccls. or 235/462.41.ccls. or 235/462.42.ccls.) and (light\$ or beam\$ or laser\$) and (reflect\$ or mirror\$) and spinner\$ and (location\$ or position\$)	USPAT	2002/07/02 15:43
-	11	(235/462.36.ccls. or 235/462.37.ccls. or 235/462.38.ccls. or 235/462.39.ccls. or 235/462.40.ccls. or 235/462.41.ccls. or 235/462.42.ccls. or 234/462.25.ccls.) and (light\$ or beam\$ or laser\$) and (reflect\$ or mirror\$) and (spinner\$ same (location\$ or position\$))	USPAT	2002/07/02 15:56
-	54	350/\$.ccls. or 359/\$.ccls. and ((spinner\$ or (rotat\$ adj optical)) adj5 (location\$ or position\$))	USPAT	2002/07/02 16:20
-	3	(235/462.36.ccls. or 235/462.37.ccls. or 235/462.38.ccls. or 235/462.39.ccls. or 235/462.40.ccls. or 235/462.41.ccls. or 235/462.42.ccls. or 234/462.25.ccls.) and (light\$ or beam\$ or laser\$) and (reflect\$ or mirror\$) and (spinner\$ adj5 (location\$ or position\$))	USPAT	2002/07/02 16:07
-	32	350/\$.ccls. or 359/\$.ccls. and ((spinner\$ or (rotat\$ adj optical)) adj3 (location\$ or position\$))	USPAT	2002/07/02 16:37
-	3	235/\$.ccls. and spinner same (diffract\$ or refract\$)	USPAT	2002/07/02 16:39
-	282	235/\$.ccls. and (beam or laser or light) adj3 (diffract\$ or refract\$)	USPAT	2002/07/02 16:49
-	83	235/\$.ccls. and ((beam or laser or light) adj3 (diffract\$ or refract\$)) same (detector or photodetector)	USPAT	2002/07/02 16:50
-	1	235/\$.ccls. and ((beam or laser or light) adj3 (diffract\$ or refract\$)) same (detector or photodetector) same (barcode or scanner) same position	USPAT	2002/07/02 16:53
-	4	determin\$ same (position or location) same (spinner or "rotating optical device") and 235/\$.ccls.	USPAT	2002/07/02 16:54
-	8	determin\$ same (position or location) same (barcode or scanner) same spinner	USPAT	2002/07/02 17:26
-	0	((diffract\$ or refract\$) same spinner same (location or position) same photodetector) and (barcode or "bar code")	USPAT	2002/07/02 17:30
-	0	((diffract\$ or refract\$) same spinner same (location or position)) and (barcode or "bar code")	USPAT	2002/07/02 17:30

-	14	(diffract\$ or refract\$) same spinner same (location or position)	USPAT	2002/07/02 17:31
-	11	lindacher.in.	USPAT	2002/07/08 08:06
-	3	lindacher.in. and (diffract\$ or refract\$)	USPAT	2002/07/08 08:11
-	116	235/\$.ccls. and (scanner same diffract\$)	USPAT	2002/07/08 08:20
-	0	235/\$.ccls. and (scanner same diffract\$) same (mirror\$ or reflect\$) same spinner	USPAT	2002/07/08 08:21
-	1	235/\$.ccls. and (scan\$ same diffract\$) same (mirror\$ or reflect\$) same spinner	USPAT	2002/07/08 08:25
-	13	(359/\$.ccls. or 356/\$.ccls/ or 235/\$.ccls.) and ((scan\$ same diffract\$) same (mirror\$ or reflect\$) same spinner)	USPAT	2002/07/08 09:35
-	3	(359/\$.ccls. or 356/\$.ccls/ or 235/\$.ccls.) and ((scan\$ same diffract\$) same (mirror\$ or reflect\$) same spin\$)	USPAT	2002/07/08 10:41
-	21	(359/\$.ccls. or 356/\$.ccls/ or 235/\$.ccls.) and (scan\$ same diffract\$) same spinner	USPAT	2002/07/08 10:42
-	0	(6053413.pn. and 5546201.pn. and 5296689.pn.) and (diffract\$ or refract\$)	USPAT	2002/07/08 10:44
-	21	(359/\$.ccls. or 356/\$.ccls/ or 235/\$.ccls.) and ((scan\$ same diffract\$) same spinner)	USPAT	2002/07/08 10:45
-	2	(6053413.pn. or 5546201.pn. or 5296689.pn.) and (diffract\$ or refract\$)	USPAT	2002/07/08 14:48
-	48	scanner same diffract\$ same mirror\$	EPO; JPO	2002/07/08 14:48